

[illegible]

FIG. 2

Mr(kDa)

200 -

116 -

92 -

67 -

43 -

1 2 3 4



FIG. 3

Z N Z N Z N

Mr(kDa)

200 -



116 -

92 -



67 -

43 -

A

Anti-C9
(native)

B

K2.254

C

2° Ab
alone

FIG. 4

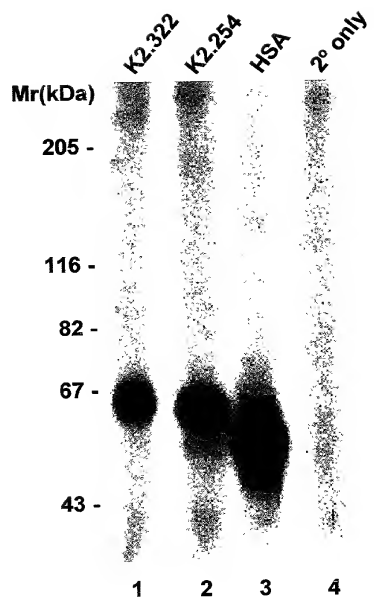


FIG. 5

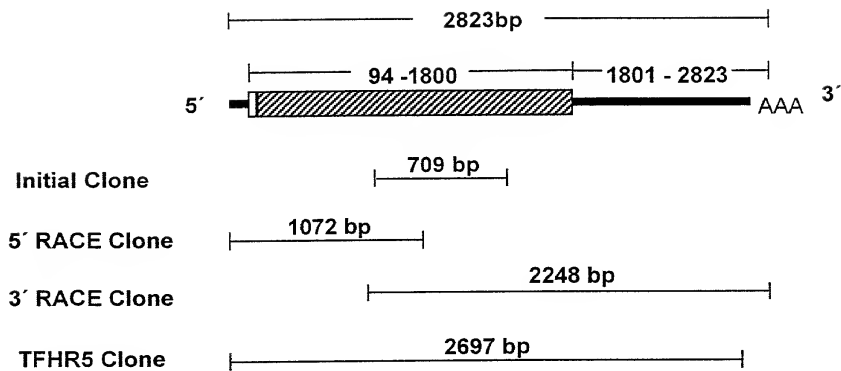
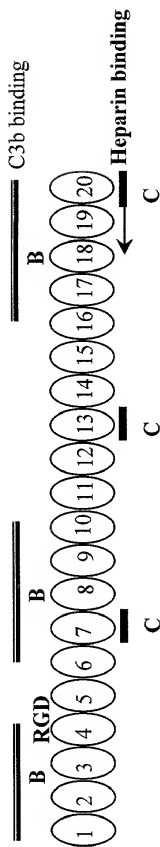


FIG. 6

HOMOLOGY WITHIN THE hFH FAMILY
Decay accelerating + Co-factor activity

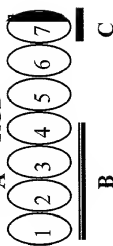
A



FH

150kD

A RGD



FHL-1

42kD

FHR-1

33kD

FHR-2

24kD

FHR-3

37.5kD

FHR-4

86kD

FHR-5

62.4kD

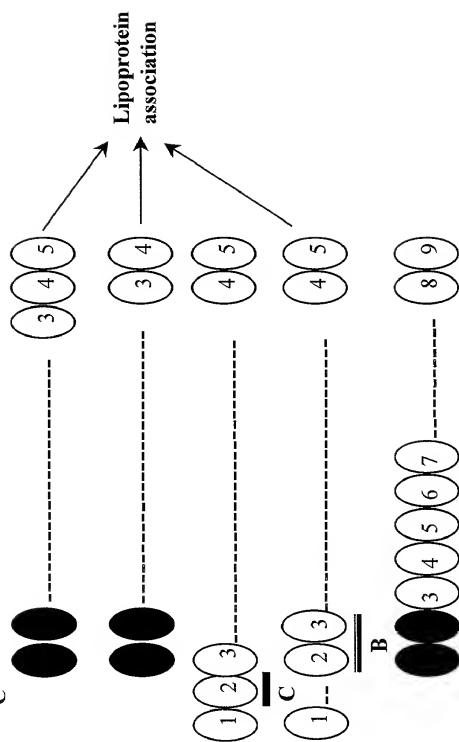


FIG. 6A

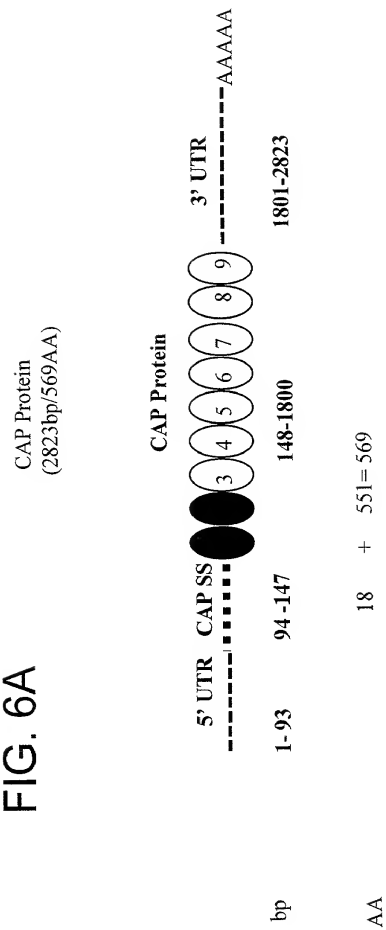


FIG. 7

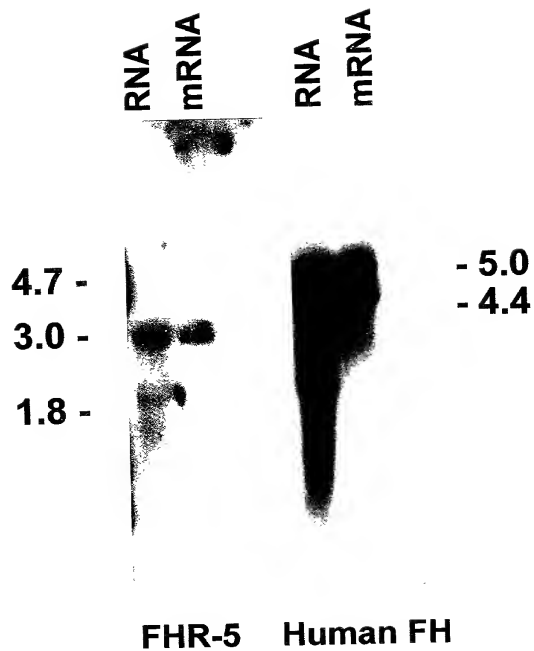


FIG. 8

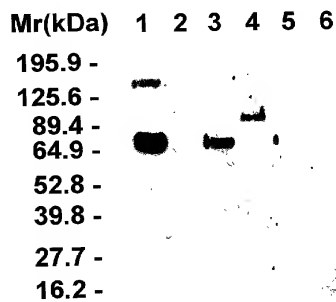


FIG. 9

Amino Acid
Coordinates

EGTL	C	DF	P	KIHGFLYDEEDYNPFQV	PT	G	EVFYIS	C	E	YNFVSPKSFWRIT	C	TEEG	W	SP	T	P	K	C	L	66		
RM	C	SF	P	FVNGHSESSG	LIH	LE	G	DTVQII	C	N	TCYSLQNE	C	VERG	W	ST	P	P	I	C	SFT	125	
KGE	C	HV	P	I	LEANVDAQPK	KEY	KV	G	DVLKFS	C	R	KNLIRVGS	C	YQFG	W	SEN	P	P	T	C	K	184
GOVRS	C	GP	P	QLSNGEVKEIR	KEY	GH	N	EVVED	C	N	ENFLINGP	C	VDGE	W	TT	L	P	T	C	V	245	
EQVKT	C	GY	I	P	ELEYGVOPS	VPEY	OH	G	VSVEVN	C	R	NEYAMIGN	C	INGI	W	TE	L	P	M	C	V	305
ATHOLKR	C	KI	A	GVNKTLLKLS	GKEF	NH	N	SRIRX	C	S	DIFRYRHS	C	INGK	W	NP	E	V	D	C	T	364	
EKREOF	C	PP	P	QIENAGNMNT	TVNY	QD	G	EKAVIL	C	K	ENYLLPEA	C	KDGR	W	OS	L	P	R	C	V	425	
ESTAY	C	GP	P	SINNGDTTSFP	LSVY	PP	G	STVTYR	C	Q	SPYKLOGS	C	RNKQ	W	SE	P	P	R	C	L	486	
DP	C	VV	S	EENMKNNIQIKWR	NDGKIYAKT	G	DAVEFQ	C	KFPFKAMUSSPP	C	FRAI	C	QEGK	F	EY	P	I	C	E	551		

FIG. 10

FHR-5	SCR	1	EGTLCDFPKIHGHFLYDEEDYNPFSSQVPTGEVFFYYSCEYNEVSPSKSFWRITCTEEGWSPTPKCL										% Homology
FHR-1	SCR	1	A	F		N	-	K	K			N	89.4%
FHR-2	SCR	1	AMF			N	-	K	K			A	87.9%
FHR-5	SCR	2	RMCSPFFVKHNGHSESSGLIHLEGDTVQIICNTGYSLQNNNEKNSCVERGWSTPPICST										
FHR-1	SCR	2	L	F	E			QT			R	N	K RS 83.0%
FHR-2	SCR	2	L	F	E			QT			R	N	K RS 83.0%
FHR-5	SCR	3	KGECHVPILEANVDAQPKKESYKVGDVLFKFSCKNLIRVGSVSQCYQFGWSPNPFCTK										
FH	SCR	10	ER	EL	KIDVHLVPDR		DQY	E		KPGFTI	PNS	H L DL I	47.5%
FHR-5	SCR	4	GQVRSCGPPPLSNGEVKEIRKEEYGHNEVVEYDCNPNFINGPKKIQCVGDEWTTLPCTV										
FH	SCR	11	E	Q		E	L	N	KT		S	Y R LNK N	V I 73.8%
FHR-5	SCR	5	EQVKTGVIPELEYGYVQPSVPPYQHGVSVVEVNCRNEYAMIGNNMITCINGIWTELMPCV										
FH	SCR	12	VEES		D		H	W	A	L	S	YY D F SESFT HRS H V Q Q	56.7%
FHR-5	SCR	6	ATHQLKRCKIAGVNIKTLLKLSGKEFNHNSRIYRCSDIFRYRHSVCINGKWNPEVDCT										
FH	SCR	13	IDK	K	SSNLI		LEEHLKKNK		D	N		RGKEGWI T R D N S	47.5%
FHR-5	SCR	7	EKREQFCPPPIPNANMTTITVNYQDGEKVAVLCKENYLLPEAKEIVCKDGRWQSLPRCV										
FH	SCR	14	MAQI	L		SH		L	R		S	Q IQ GE T I L	70.5
FHR-5	SCR	8	ESTAYCG-PPPSINNGDTSFPLSVYPPGSTVTYRCQSFYKLQGSVTVTCRNQWSEPPRL										
FH	SCR	19	D	GK	-	PID	I		A	A	S	E Q NL Q E NKRI G K	67.2%
FHR-1	SCR	4	D	GK	-	PID	I		A	A	S	E Q NL Q E NKRI G K	62.3%
FHR-2	SCR	3	I	AE	G	PID	I	L	A	S	E Q NL Q E NNQI G K	63.9%	
FHR-3	SCR	4	N	SEK	-	PIS		L	K	V	Q R E Q Y E NY S GE A I	65.6%	
FHR-4	SCR	4	N	SEK	-	PIS		L	K	V	Q R E Q Y E NY S GE A I	63.9%	
FHR-5	SCR	9	DPCVVSSENNVINKNNIQLKWRNDGKLYAKTGDAVEFQCKFPHKAMISSPPFRAICQEGKFEYPICE										
FH	SCR	20	H	I	R	I	-	ENY	A	R	W	TAKQ SR ES V RGYRLSSRSHTL TT WD L T AKR	41.8%
FHR-1	SCR	5	H	I	R	I	-	ENY	A	R	W	TAKQ LR ESAEFV RGYRLSSRSHTL TT WD L T AKR	41.7%
FHR-2	SCR	4	D	I	Q	I	-	EKY	K	K	W	T KQ SR I V RGYHPTKS-HS AM N LV S EK	55.2%
FHR-3	SCR	5	H	I	T	-			K	G	S	R Y TIEFM LGYN NTS-LS Q V R IV R	58.5%
FHR-4	SCR	5	H	I	T	-			QLKGKS	I	Y	TIEFM LGYN NTSVLS Q V R IV R	58.5%

FIG. 11A

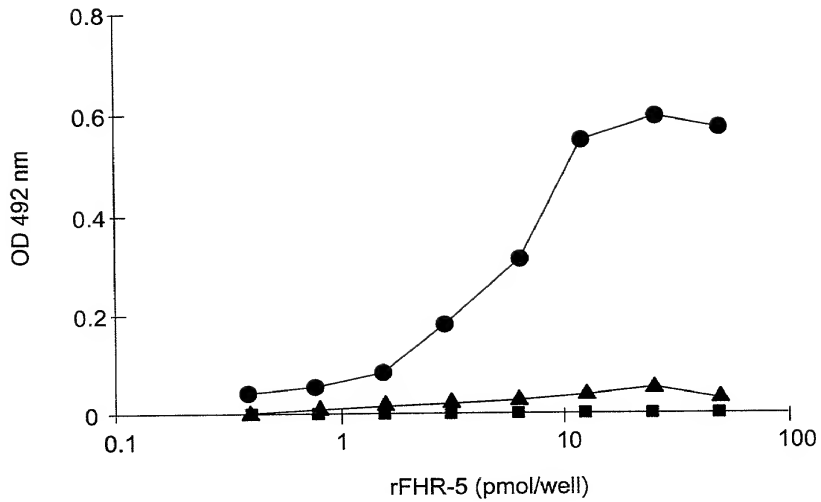


FIG. 11B

